ABSTRACT

Systems and methods for adaptively interpreting a user's intent based on parameters supplied by a touch-sensitive input device are described. In one of the methods described, a processor receives a pressure signal indicating a pressure from an input device, such as a touchpad, compares the pseudo pressure signal to a pressure threshold value, and outputs a signal if the pseudo pressure signal is greater than the pressure threshold value. In another embodiment, the processor also calculates the speed of movement of a conductor, for instance a user's finger, across the input device, and compares the speed to a threshold. If the speed is greater than the threshold, the processor determines that although the pressure may be great enough to signal a press, no press is intended. The various parameters supplied by the input device may be digitally filtered to increase the accuracy of the determination of user intent.